

Timothy and Toggle Meadows Fencing and Riparian Planting
Paulina Ranger District
Ochoco National Forest
USDA Forest Service, Pacific Northwest Region

Objective/Purpose of Project: The objective of this project was to eliminate undesirable livestock grazing in Timothy Meadow and enhance riparian conditions in Toggle Meadow. Wet meadow complexes are an important hydrologic component within the Deep Creek watershed. In 1999 a 3 mile fence was constructed around a portion of Toggle Meadows. This fence was intended to exclude cattle utilization in Toggle Creek. A 6 foot headcut was identified at the same time in Timothy Meadow. The advancement of this headcut has degraded 1 mile of redband trout habitat. The purpose of this project is to stabilize these meadow systems from further degradation. This project was accomplished in cooperation with the allotment permittees. A CE was completed in 1999. Total planning/NEPA costs: \$1500.

Methods or Techniques Used: The restoration strategy in Timothy Meadows included designing a boulder step pool system out of the headcut, constructing a 1.5 mile enclosure fence, and conducting riparian planting activities. A walking backhoe was used to implement the headcut stabilization portion of the project. Riparian enhancement activities in Toggle Meadows involved hardwood plantings on a 1 mile stretch of stream.

Realized/Expected results: These projects will delivery cooler/cleaner water to downstream habitats. Fish populations will increase in an undetermined amount. This project is estimated to affect 7 miles of aquatic habitat.

Contact Person and telephone number: Richard Vacirca (541) 477-6914

Agreement Type(s): Participating

Primary Partner List: Fayne Ritch , Bob Collins

Project Data:

Category	# Miles Stream Restore	# Acres Lake Restore	# Miles Inven.	# Acres Inven.	# Monitor Plans	# Admin Studies	P&M Program Mgmt. Plan \$	P&M Overhead \$	P&M Total Ouput \$	Total FS + Partner \$	Other Res. \$	Partner \$	Total FS \$	In-kind \$
Totals	4	0	0	0	0	0	0	0	7,500	9,500	0	1,000	7,500	1,000
Inland Coldwater	4	0	0	0	0	0	0	0	7,500	9,500	0	1,000	7,500	1,000

Photographs



This project also benefited: TES

Description of benefits to other program(s): The following plant and wildlife species benefited from this project: Calacortis Botricium Goshawk Long-toed salamander